

SE 1/15
B2
a termination attached on each end of the metal film; and
a tantalum pentoxide layer directly overlaying and attaching to the metal film layer, the tantalum pentoxide layer providing a barrier to moisture.

13. (Amended)

SE 2/15
B2
A nickel-chromium alloy thin film resistor comprising:
a substrate;
a nickel chromium alloy film layer attached to the substrate;
a termination attached on each end of the nickel-chromium alloy film; and
a tantalum pentoxide layer directly overlaying and attaching to the nickel-chromium alloy film layer.

Please add new claim 16 as follows:

16. (New)

Rule 1.26
SE 3/15
B2
A nickel chromium alloy thin film resistor comprising:
a substrate;
a nickel-chromium alloy film layer attached to the substrate;
a passivation layer directly overlaying and attaching to the nickel-chromium alloy layer; and
a tantalum pentoxide layer directly overlaying and attaching to the passivation layer.